CTDR5F Series

From 1.8µH to 15,000µH



CHARACTERISTICS

Description: Radial leaded drum core
Applications: Used in switching regulators, power amplifiers, power supplies, SCR and Triac controls, speaker crossover networks, RFI suppression and filters
Operating Temperature: -55°C to +125°C
Saturated Current: Lowers inductance by 5%
Testing: Inductance and DCR are tested on an HP4263A at 1kHz
Packaging: Bulk
Sleeving: UL-VW-1 sleeving
Hi Pot Voltage Test: 500V from lead wire to core
Miscellaneous: RoHS Compliant.
Additional Information: Additional electrical & physical information available upon request.
Samples available. See website for ordering information.

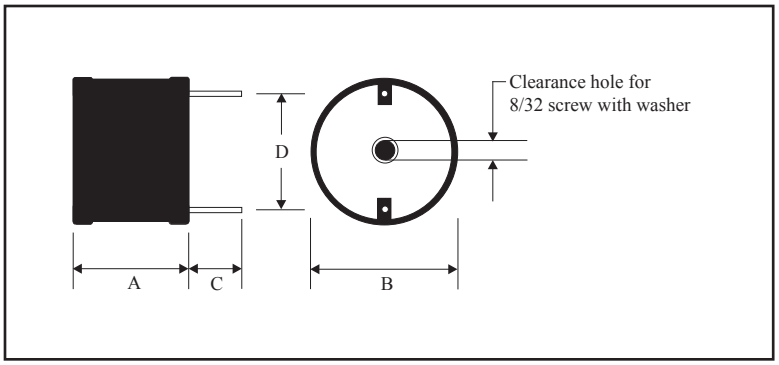
SPECIFICATIONS

Part numbers indicate available inductance tolerance.
K = ±10%, M = ±20%

Part Number	Inductance (µH)	DCR Max. (Ω)	Current Saturating DC (Amps)	Rated Current (Amps)	Wire Dia. Ref. (inches)	Dimension (D) (inches)
CTDR5F-1R8M	1.8	.002	155.0	35.0	0.105	1.11
CTDR5F-2R2M	2.2	.002	155.0	35.0	0.105	1.11
CTDR5F-2R7M	2.7	.002	125.0	35.0	0.105	1.11
CTDR5F-3R3M	3.3	.002	125.0	35.0	0.105	1.11
CTDR5F-3R9M	3.9	.003	102.0	35.0	0.105	1.11
CTDR5F-4R7M	4.7	.003	87.0	35.0	0.105	1.11
CTDR5F-5R6M	5.6	.003	87.0	35.0	0.105	1.11
CTDR5F-6R8M	6.8	.003	87.0	35.0	0.105	1.11
CTDR5F-8R2M	8.2	.003	76.0	35.0	0.105	1.11
CTDR5F-100K	10	.004	67.0	35.0	0.105	1.11
CTDR5F-120K	12	.004	60.0	35.0	0.105	1.16
CTDR5F-150K	15	.005	49.0	35.0	0.105	1.16
CTDR5F-180K	18	.007	45.0	27.0	0.094	1.16
CTDR5F-220K	22	.007	42.0	27.0	0.094	1.16
CTDR5F-270K	27	.008	35.0	27.0	0.094	1.16
CTDR5F-330K	33	.009	34.0	27.0	0.094	1.16
CTDR5F-390K	39	.010	30.0	27.0	0.094	1.16
CTDR5F-470K	47	.011	28.0	27.0	0.094	1.16
CTDR5F-560K	56	.013	26.0	21.0	0.084	1.16
CTDR5F-680K	68	.015	23.0	21.0	0.084	1.25
CTDR5F-820K	82	.017	20.0	21.0	0.084	1.28
CTDR5F-101K	100	.018	19.0	21.0	0.084	1.25
CTDR5F-121K	120	.022	18.0	17.0	0.075	1.16
CTDR5F-151K	150	.025	16.0	17.0	0.075	1.16
CTDR5F-181K	180	.035	14.0	13.5	0.068	1.10
CTDR5F-221K	220	.040	13.0	13.5	0.068	1.10
CTDR5F-271K	270	.044	11.0	13.5	0.068	1.10
CTDR5F-331K	330	.049	10.0	13.5	0.068	1.11
CTDR5F-391K	390	.070	9.7	11.4	0.060	1.15
CTDR5F-471K	470	.078	8.8	11.4	0.060	1.07
CTDR5F-561K	560	.105	8.1	9.0	0.054	1.07
CTDR5F-681K	680	.115	7.4	9.0	0.054	1.07
CTDR5F-821K	820	.127	6.7	9.0	0.054	1.12
CTDR5F-102K	1000	.176	6.1	7.2	0.048	1.12
CTDR5F-122K	1200	.195	5.5	7.2	0.048	1.12
CTDR5F-152K	1500	.274	5.0	5.5	0.043	1.12
CTDR5F-182K	1800	.302	4.5	5.5	0.043	1.13
CTDR5F-222K	2200	.338	4.1	5.5	0.043	1.16
CTDR5F-272K	2700	.459	3.7	4.5	0.039	1.02
CTDR5F-332K	3300	.642	3.4	4.0	0.035	1.02
CTDR5F-392K	3900	.699	3.0	4.0	0.035	1.14
CTDR5F-472K	4700	.775	2.8	4.0	0.035	1.14
CTDR5F-562K	5600	.843	2.6	4.0	0.035	1.14
CTDR5F-682K	6800	1.15	2.3	2.8	0.031	1.06
CTDR5F-822K	8200	1.26	2.1	2.8	0.031	1.16
CTDR5F-103K	10000	1.74	1.9	2.0	0.028	1.13
CTDR5F-123K	12000	1.92	1.7	2.0	0.028	1.13
CTDR5F-153K	15000	2.17	1.5	2.0	0.028	1.13

PHYSICAL DIMENSIONS

Size	A	B	C
	Max.	Max.	Min.
mm	36.8	38.1	12.7
inches	1.45	1.50	0.50



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